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COTTON LITERATURE

SELECTED REFERENCES

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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONGeneral

Florida Agricultural experiment station. 45th annual report for the fiscal year ending June 30, 1931. Gainesville, 1931. 184 p. illus., tables.

Among projects reported on are the following: Ratio of organic to inorganic nitrogen in mixed fertilizer for cotton: p.45; Control of cotton insects: p.67-68; Cotton diseases--cotton wilt: p.69; Cotton physiology--nutrition and growth: p.69; Variety tests and breeding experiments with cotton: p.181; Field tests with cotton--spacing and time-of-planting tests: p.181-183; Genetics of cotton--studies in inheritance of cotton: p.183.

Botany

Shibuya, Tsunetoshi. Germination of cotton pollen in artificial culture media. Society of Tropical Agriculture, Journal, v.2, no.1, Sept.1930, p.55-64. tables. (Published by Faculty of Science and Agriculture, Taihoku Imperial University, Taiwan [Formosa], Japan) In Japanese; English résumé: p.63-64.

"In experimentation carried out in 1929, chiefly from a physiological point of view on the germination of sea island cotton pollen, it was found that with sucrose solutions of ranging concentrations used in the moist chamber methods with the Van Tieghem cells the bursting limit in various concentrations for pollen grains was reached in the neighborhood of 70 per cent. The most favorable culture medium concentration for pollen germination and for tube growth is attained by use of 35 per cent sucrose plus 5 per cent agar or 40 per cent sucrose plus 4 per cent agar. With the latter, the highest germination rate occurred at 25° C., no germination occurring at 40° C. on account of bursting or at 15° on account of quiescence. The greatest pollen tube growth occurred at 35°. The optimum range for pollen germination and pollen tube growth lay between pH 6.5 and 6.1 with slight increases at pH 5 and 7.6 and very slight germination at pH 3.6."--Experiment Station Record, v.66, no.8, June 1932, p.724.

Thomas, Roger. Periodic failure of the Punjab-American cotton crop. Agriculture and Live-stock in India, v.2, no.3, May 1932, p.243-274. illus. (Published by the Manager, Govt. of India Central Publication Branch, 3, Govt. Place, West, Calcutta, India)

Genetics

Brazil.Ministerio da agricultura.Serviço do algodao. Secção tecnica. Methodo de selecção e melhora-mento algodoeiro. By Elydio Vellasco. Rio de Janeiro, 1932. 13 p. illus.

Methods of selecting and improving cotton.

Coker, David R. Agriculture in the Carolinas. Carolinas Magazine, v.1, no.1, June 1932, p.19,22. (Published at 324 South Church St.,Charlotte,N.C.)

Mentions movement for scientific breeding of cotton seed.

India.Madras Presidency.Dept. of agriculture. Reports on the work of the agricultural stations...for 1929-30. Madras,Supt.govt.press,1931. 690 p.

Annual report of the cotton breeding station, Coimbatore, for the year 1929-30: p.192-213,191. tables.

Ware,J.O. Inheritance of lint colors in Upland cotton. Journal of the American Society of Agronomy, v.24,no. 8, July 1932,p.550-562. (Published at Geneva,N.Y.)

Agronomy

Atkins, H.L.,jr. Nitrogen boosts yield. Progressive Farmer and Southern Ruralist (Texas ed.), v.47,no.13, July 1932, p.3. illus. (Published at Birmingham,Ala.)

Results of applying cyanamid to cotton on farms in Brazos Valley, Texas.

Baroda State (India) Dept. of agriculture. Annual report for the year 1929-30. Baroda state press,1931. 97 p. Cotton: p.6-9, and other pages.

Bowker, Horace. Adequate use of fertilizer cuts cotton producing cost. Cotton Trade Journal,v.12,no.30, July 30,1932, p.4. (Published at New Orleans,La.)

Bowker,Horace. Fertilizer's part in the stabilization of agriculture. Cmmercial Fertilizer Yearbook 1932, p.47-57. tables. (Published by Walter W.Brown Publishing Co., 223 Courtland St., N.E., Atlanta,Ga.)

"A rise of 40 per cent in the net income, which is to say the purchasing power, of American agriculture would provide an industrial stimulus of almost unparalleled proportions. I believe that fertilizer can be the means of liberating this huge latent purchasing power...I summarize in an accompanying table the profit and loss account of America's cotton crop for the last ten years, and show the effect upon

the national income of increasing the yield from the present low average to 410 pounds per acre."

El cultivo del algodono en España. Cultivador Moderno, v.22, no.6, June 1932, p.16. (Published at Barcelona, Spain)

The cultivation of cotton in Spain.

India. Bihar and Orissa. Dept. of agriculture. Annual report on experimental farms in Bihar and Orissa 1930-31. Bihar and Orissa, Patna, Supt. govt. printing, 1932. 398 p. tables.

Reports first attempt at growing cotton at the Balia farm; the Brazilian varieties Moco and Quabradinjo were tried but were not very successful; Madras American is to be tried: p.335. More successful attempts on a wider variety reported for the Angul farm: p.351.

Jordan, Harvie. Critical period in growth and fruitage of cotton. Southern Cultivator, v.90, no.5, July 1, 1932, p.2. (Published by Constitution Publishing Co., Atlanta, Ga.)

Lan, Jean Jacques. Les plantes indochinoises de grande culture. Hanoi, Imprimerie d'extrême-orient, 1930. 2 v. v.2. Plantes industrielles. Coton: p.269-328. Describes the cotton culture of Indo-China.

Neel, L.R. "Carrying on." Southern Agriculturist, v.62, no.7, July 1932, p.5. illus. (Published at 1523 Broad St., Nashville, Tenn.)

Reports "trip...made into the cotton country just west of the Tennessee River in Tennessee last May to interview a few cotton farmers who are making good." Rotation and diversification of crops are described.

Nelson, Martin, and Ware, J.O. The relation of nitrogen, phosphorus, and potassium to the fruiting of cotton. Fayetteville, Ark., 1932. 75 p. (Ark. Agr. Exp. Sta. Bul. 273)

Platt, R.S. Six farms in the Central Andes. Geographical Review, v.22, no.2, Apr. 1932, p.245-259. illus. (Published by American Geographical Society, Broadway and 156th St., New York, N.Y.)

Cotton: p.254-256.

Diseases

Taubenhaus, J.J., and Ezekiel, W.N. Seed transmission of cotton wilt. Science, v.76, no.1959, July 15, 1932, p. 61-62. (Published by the Science Press, Lancaster, Pa.)

"This work has demonstrated that Fusarium vasinfectum may be carried inside the seeds of cotton plants infected with Fusarium wilt, although it is not necessarily present in seeds even from plants with infected taproots, stems and peduncles."

Teng, S.C. A preliminary report on the studies of certain diseases of cotton. Science Society of China. Biological laboratory. Contributions, Botanical ser., v. 6, no.9/10, Nov.15, 1931, p.117-134. (Published at Nanking, China)

1. Studies of the cyrtosis; 2. Studies of the control of the Rhizoctonia damping-off.

Young, V.H., Janssen, George, and Ware, J.O. Cotton wilt studies. IV. Effect of fertilizers on cotton wilt. Fayetteville, Ark., 1932. 27 p. illus., tables. (Ark. Agr. Exp. Sta. Bul. 272)

"High potash applications alone and fairly high potash applications in combination with nitrogen- and phosphorus-containing salts have given definite control of cotton wilt at points in central, eastern, and northeastern Arkansas.

"High nitrate applications, applications containing nitrogen and phosphorus only, and applications of cottonseed meal alone were inefficient in cotton wilt control."-Summary and Conclusions.

Insects

Kambe, Tosisige. On life history of Propylea Japonica Thunberg, a natural enemy of aphids, injurious to cotton plants. Annals of Agricultural Experiment Station of Chosen (1931), v.6, no.1/2, Mar. 1932, p.25-34. (Published at Chosen, Korea)

In Japanese.

Pink cotton bollworm discovered in Florida. Florists Exchange and Horticultural Trade World, v.80, no.1, July 2, 1932, p.36. (Published in New York, N.Y.)

Farm Engineering

Cotton picker does work of 60 men. Popular Science Monthly, v.121, no.1, July 1932, p.56. illus. (Published at 381 Fourth Ave., New York, N.Y.)

Describes new machine exhibited recently in Chicago. Equipped with headlights, can be used at night.

Cuts cotton cultivation costs. New cultivating implement demonstrated by inventor. Mid-South Cotton News, v.10, no.1, July 1932, p.6. illus. (Published at 822 Falls Bldg., Memphis, Tenn.)

Description of "a mechanical hoe and cultivator to carry out four operations in the cotton field at once...developed by J.W.Wilson." It is claimed that the machine "will chop, scrape, thin and dirt up from seven to 10 acres a day with one man and a team of mules."

Farm Management

Brumley, Frank W. Results of farm survey of 43 farms in Santa Rosa county, 1931. Florida Agricultural Extension Economist, v.11, no.7, July 1932, p.3-5. tables. Multigraphed. (Published by Florida Agricultural Extension Service, Gainesville, Fla.)

"Cotton is the principal crop in the area where the records were taken."

Burleson, D.J., and others. Substitutes for cotton acreage. Little Rock, Ark., 1932. [4] p. (Ark. University. College of agriculture. Extension service. Ext. circ. 291)

"Farmers should give attention to the following four points: Farm and home supplies; cash alternatives for cotton; legumes for soil improvement and pasture; adjustments of expenses."

Butler, Eugene. All cotton versus half cotton in Dickens county [Texas] Progressive Farmer and Southern Ruralist (Texas ed.), v.47, no.13, July 1932, p.3. (Published at Birmingham, Ala.)

Comparison of diversified and cotton farming.

Cardwell, Guy A. Cotton income can be increased. Southern Cultivator, v.90, no.3, June 1, 1932, p.8. (Published by the Constitution Publishing Co., Box 1731, Atlanta, Ga.)

Brief report of results of survey conducted by a "large chemical fertilizer" company "based on 165 cotton crop-cost experiments conducted last season in nine cotton-growing states."

Production Credit

Forster, Garnet W. The effects of the present credit system on southern agriculture. Social Forces, v.10, no.3, Mar. 1932, p.426-435. (Published by the University of North Carolina Press, Chapel Hill, N.C.)

States that the system reduces farm earnings, increases

number of landless farmers, prevents use of fertilizer on such crops as cotton and tobacco, makes the farmer dependent on the creditor, encourages dumping (especially of cotton), and prevents formation of cooperative marketing associations. Improvements in the system are suggested.

Stufflebeme, B.A. The banker and his cotton crop. Texas Bankers Record, v.21, no.6, Feb.1932, p.25-28. (Published at 1201 Dallas National Bank Bldg., Dallas, Tex.)

"Some of the underlying factors of quality production--the progress that is being made--how the banker can help in 1932."

Wickens, David L., and Jensen, Ward C. Agricultural finance in South Carolina. Clemson College, S.C., 1931. 67 p. tables. (S.C.Agr.Exp.Sta.Bul.282)

Cotton is the principal crop in two of the three areas studied.

Farm Social Problems

Gibson, J.Sullivan. Agriculture of the Southern High Plains. Economic Geography, v.8, no.3, July 1932, p.245-261. illus. (Published by Clark University, Worcester, Mass.)

The Cotton Belt: p.253-258. Describes the typical cotton farm home and farming characteristics in the Llano Estacado of western Texas.

Cooperation in Production

Ousley, John. Cotton production in North Carolina. How to make it profitable. North Carolina Cotton Grower, v.11, no.7, July 1932, p.4. (Published at Raleigh, N.C.)

"Prize-winning essay in fifth annual contest" of North Carolina Cotton Growers Cooperative Association, held at Raleigh, N.C., July 8, 1932.

"Any adequate program for improving the condition of our North Carolina cotton farmers must include three provisions; first, greater efficiency on the part of the individual farmer; second, better cooperation among the farmers of the nation...third, the organization of all agricultural groups to demand from the manufacturers...fair treatment and a just share of the profits."

PREPARATIONGinning

Arkansas ginnerers hold successful convention. American Ginner and Cotton Oil Miller, v.9, no.11, July 1932, p.18-19. (Published at P.O.Box 504, Little Rock, Ark.)

Fifteenth annual convention of the Arkansas State Ginnerers' Association, Hot Springs, Ark., July 6, 1932. Includes "Report of Committee as to premiums paid and losses incurred on cotton gins in the state of Arkansas" and resolutions on the Metal Tax Tag Law.

Bennett, Charles A. Cotton drying experiments. Manufacturers Record, v.101, no.29, July 21, 1932, p.16-17. illus. (Published at Commerce and Water Sts., Baltimore, Md.)

Bennett, Charles A. The vertical seed-cotton dryer. Washington, Govt.print.off., 1932. 8 p. diags. (Miscellaneous publication 149)

"The Bureau of Agricultural Engineering has developed and patented a process for drying seed cotton that has come to be known as 'the Government process' and may be used with several types of apparatus." The necessary equipment is described.

Mississippi Cotton ginnerers hold annual convention. American Ginner and Cotton Oil Miller, v.9, no.11, July 1932, p.16-17. (Published at P.O.Box 504, Little Rock, Ark.)

Meeting in Jackson, Miss., June 27, 1932. Includes address by J.B.Neilson, "What is wrong with the gin business?"

Nolf, A., and Pilette, M. L'egranage et l'emballage du coton au Congo Belge. Bulletin Agricole du Congo Belge, v.22, no.4, Dec.1931, p.459-495. illus. (Published by Direction de l'Agriculture du Ministere des Colonies, Place Royale, 7, Brussels, Belgium)

The ginning and baling of cotton in the Belgian Congo.

Smith, Howard C. An Alabama plan for operating gins. Oil Miller and Cotton Ginner, v.50, no.5, July 1932, p.3-4. (Published at 161 Spring St., N.W., Atlanta, Ga.)

Outlines a proposal for forming an operating company to control the number of gins in operation.

MARKETING

Demand and Competition

Ahmedabad Millowners' annual survey. Fall in the mill profits. Indian Textile Journal, v.42, no.500, May 1932, p.278. (Published at Military Square, Fort, Bombay, India)

Discusses the "swadeshi" movement; labor and wages; machinery; internal economies; textile tariff inquiry.

Ballagh, Thomas C. Textile market of Argentina. Washington, Govt.print.off., 1932. 116 p. illus., tables. (U.S.Dept. of commerce. Bureau of foreign and domestic commerce. Trade promotion series no.132)

"Gives not only a general background of market conditions but the latest statistical data available. It serves also as a handbook of basic information on Argentine production of wool, cotton, and other fibers, and on the local textile industry."-Foreword.

Bauer, Friedrich. Internationaler rohbaumwollhandel. Seine geschichte, usancen, konjunktoren und entwicklungsmöglichkeiten. Hof, i.B., Mintzeesche buchdruckerei [1930?] 117 p. diagsr.

International raw cotton trade; history, customs, economic cycles and possibilities of development.

British cotton growing association. Twenty-seventh annual report for the twelve months ending December 31st, 1931. Manchester, 1932. 60 p. illus., tables. ([Pub.] 118)

Contains brief reports of condition of cotton production, exports, etc., for India and the West Indian and African colonies and protectorates.

Cotton-weaving in Hangchow. Chinese Economic Bulletin, v.20, no.20, May 14, 1932, p.289-291. tables. (Published by Bureau of Foreign Trade, Ministry of Industry, Customs Bldg., Shanghai, China)

Tables give capital, looms and output of various factories; fabrics made are listed, and other particulars of the industry are mentioned.

The cotton year. Texas Weekly, v.8, no.30, July 23, 1932, p.6-7. (Published by Peter Molyneaux, McKinney at Fairmount, Dallas, Texas)

Compares consumption of past season with that of 1929/30 and 1930/31.

Flake, Wilson C. Indian production and trade in cotton yarns. Commerce Reports, no.30, July 25, 1932, p.177. (Published by Bureau of Foreign and Domestic Commerce, U.S.Department of Commerce, Washington, D.C.)

France, L.A., and others. Canadian hosiery and knit-goods production and trade. Commerce Reports, no.27, July 4, 1932, p.34-36. table. (Published by Bureau of Foreign and Domestic Commerce, U.S.Department of Commerce, Washington, D.C.)

Table includes imports of cotton hosiery and knit goods, 1930 and 1931.

Harnden, Robert. Market for cotton yarns in Sweden. Commerce Reports, no.28, July 11, 1932, p.81. (Published by Bureau of Foreign and Domestic Commerce, U.S.Department of Commerce, Washington, D.C.)

Brief description of the spinning and weaving industry in Sweden.

"Indian economist." Some reflections on India's foreign trade, 1931-32. Indian Textile Journal, v.42, no.501, June 30, 1932, p.287-288. tables. (Published at Military Square, Fort, Bombay, India)

Considers position of cotton textile trade, imports and exports.

The Indian Tariff board inquiry. Textile Recorder, v.50, no.592, July 15, 1932, p.26-27. (Published at 121, Deansgate, Manchester, England)

Discusses findings contained in questionnaire issued by the Tariff Board in Bombay.

Indian Tariff board's questionnaire. Protection claim and competition from foreign imports. Indian Textile Journal, v.42, no.501, June 30, 1932, p.292-293. (Published at Military Square, Fort, Bombay, India)

"In connection with the inquiry into the Indian cotton textile industry."

India's cotton industry and protection. Statist, v.119, no.2834, June 18, 1932, p.1022. (Published at 51 Cannon St., London, E.C.4, England)

Describes the situation in the Indian cotton cloth industry under the present tariff.

The Joint committee scheme. Survival of the fittest? Textile Weekly, v.9, no.226, July 1, 1932, p.401-402. tables. (Published at 49, Deansgate, Manchester, England)

Comment on the announcement that the Joint Committee of Cotton Trade Organisations would take no further action in connection with scheme for dealing with surplus capacity in the spinning section.

Jute versus cotton. Southern Cultivator, v.90,no.3, June 1,1932, p.4. (Published by the Constitution Publishing Co.,Box 1731, Atlanta, Ga.)

"Ninety per cent of the bagging in which the agricultural products of the country are shipped is made of jute. Cotton bagging is stronger and better for this use and for every other purpose for which jute is utilized."

Laycock, A.C. Trading methods in India.The market position analysed. Textile Weekly,v.9,no.226,July 1,1932, p.412. (Published at 49 Deansgate, Manchester, England)

"In a lecture to the Oldham Mill Managers' Association," England.

Describes methods of marketing Lancashire cloth in India and the present situation.

More uses for cotton. Cotton Trade Journal, v.12,no. 26, July 2,1932, p.2,5. (Published at New Orleans, La.)

"New uses...reported...to the New Uses Committee at its meeting this week in the Bureau of Standards." Mentions tarpaulin covers for farm machinery, cotton in road building; service tests for sheets.

Moser, C.O. Address... Mid-South Cotton News,v.10, no.1,July 1932, p.5. (Published at 822 Falls Bldg., Memphis,Tenn.)

Address at annual meeting of Mid-South Cotton Growers' Association, Memphis, Tenn., June 28,1932.

Discusses cotton situation and business conditions and suggests remedies.

"M.P.G." Some facts for the Indian Textile tariff board. Indian Textile Journal, v.42, no.500, May 31,1932, p. 254-255. (Published at Military Square, Fort,Bombay, India)

Gives figures to show the increase in production of the higher counts of yarn in India and urges adequate tariff protection.

Niemeyer, A. The world textile industry.Structural alterations in the textile industry as the cause of the world textile crisis. Textile Recorder, v.50, no.592, July 15,1932, p.34-36. (Published at 121 Deansgate, Manchester, England)

Reed, William G. Competing cottons and United States production. Economic Geography, v.8, no.3, July 1932, p.282-298. illus.,tables. (Published at Clark University, Worcester, Mass.)

Describes cottons according to "staple groups," such

as unspinnable, shortest spinnable, typical American, and long staple cotton; discusses position of United States production in each group.

"La Regional" sociedad cooperativa mixta limitada de Hilados y Tejidos. La Bande Santiago del Estero. Gaceta Algodonera, v.8, no.93, Oct.31,1931,p.16-17. (Published at Reconquista 331, Buenos Aires, Argentine Republic)

Continued in the November and December issues.

Contains the constitution and the statutes of a new cooperative society for the manufacture of indigenous raw materials, especially cotton.

Representation by the Ahmedabad Millowners' association. Indian Textile Journal, v.42,no.501, June 1932, p.298-299. tables. (Published at Military Square, Fort, Bombay, India)

"Written statement submitted to the Indian Tariff Board...The industry at Ahmedabad has tried to overcome the shortcomings pointed out by the Tariff Board by carrying out the following improvements:--(i) Use of better type of cotton and spinning of finer counts of yarn and diversification of production in piece-goods; (ii) addition and replacement of machinery; and (iii) improvement in the working conditions."

Representation by the Bombay Millowners' association. Indian Textile Journal, v.42, no.501, June 30,1932, p.293-297. (Published at Military Square, Fort, Bombay, India)

"Comprehensive memorandum to the Indian Tariff Board...Examination of facts and figures as to why the position has not improved since 1930."

Sloan proposes textile platform. Cotton Trade Journal, v.12,no.27, July 9,1932, p.6. (Published at New Orleans, La.)

"At the annual convention of the South Carolina Cotton Manufacturers' Association [Asheville,N.C., July 7,1932]...Geo.A.Sloan...presented a platform for the Cotton-Textile Party reading as follows." Mentions use of cotton for men's clothing, in industry, agriculture and public works and improvements.

Also in Commerce and Finance, v.21,no.28,July 13, 1932,p.931; North Carolina Cotton Grower,v.11,no.7, July 1932, p.1,4; Fibre and Fabric,v.85,no.2475,July 9,1932,p.19; Textile American,v.58,no.2,Aug.1932,p.49.

Tariff on jute would greatly benefit South. Southern Textile Bulletin, v.42,no.22, July 28,1932, p.3-5. (Published by Clark Publishing Co., 18 West Fourth St.,

Charlotte, N.C.)

Full text of "statement just issued by the American Cotton Manufacturers' Association." Shows why protective tariff on jute will benefit southern cotton farmers and cotton textile manufacturers.

Ten years of cotton textiles. Southern Textile Bulletin, v.42, no.19, July 7, 1932, p.8. (Published by Clark Publishing Co., 18 West Fourth St., Charlotte, N.C.)

"Survey by the Association of Cotton Textile Merchants of New York."

Also in American Wool and Cotton Reporter, v.46, no.28, July 14, 1932, p.9-10.

Textile fiber consumption. Textile Organon, v.3, no.7, July 5, 1932, p.8. (Published by Tubize Chatillon Corp., 2 Park Ave., New York, N.Y.)

Chart "shows the record of cotton, wool, and silk consumption from 1919 to date."

Textiles and the new tariffs. Textile Recorder, v.50, no.591, June 15, 1932, p.37-38. tables. (Published at 121, Deansgate, Manchester, England)

"The new 20% duty [on textiles imported by Great Britain] should serve to check any likely increase in the importation of cotton piece-goods."

Vivet, E. L'industrie cotonnière française et l'évolution de la crise du coton. Revue Agricole de l'Afrique du Nord, v.30, no.673, June 24, 1932, p.403-405. (Published at 6, Bd Carnot, Alger, Algeria)

The French cotton industry and the evolution of the cotton crisis.

Wages and hours of labor in cotton-goods manufacturing 1932. Monthly Labor Review, v.35, no.1, July 1932, p.150-156. tables. (Published by Bureau of Labor Statistics, U.S. Department of Labor, Washington, D.C.)

Supply and Movement

Agelasto, A.M., Fetrow, W.W., and Farrington, C.C. Some phases of the long staple cotton situation in the United States. Washington, U.S. Dept. of agriculture, Bureau of agricultural economics, 1932. 47 p. charts, tables. Mimeographed.

Describes situation of various long staple cottons: long staple upland, American-Egyptian (Pima), Sea Island, Egyptian and Peruvian; also discusses movement of prices of these varieties in the United States

during recent years. Tables and charts give production, consumption, imports, stocks, prices, etc.

Butler, Tait. Prorating cotton production. Progressive Farmer and Southern Ruralist (Ga.-Ala.ed.), v.47, no.13, July 1932, p.3. (Published at Birmingham, Ala.)

Outlines a plan for reducing cotton production.

Clement, Sheldon L. Better profits in right staple. North Carolina Cotton Grower, v.11, no.7, July 1932, p.3. (Published at Raleigh, N.C.)

Results of investigation conducted by the North Carolina Agricultural Experiment Station regarding correlation of staple production and mill consumption.

Cotton conference at Barbados. Tropical Agriculture, v.9, no.7, July 1932, p.224. (Published by the Imperial College of Tropical Agriculture, Trinidad, B.W.I.)

Conference held Mar.31, Apr.4-7, 1932.

"The Conference recognised the need for heavy reduction in output, and for investigating possibilities of stimulating the consumption of Sea Island Cotton by developing new uses. Furthermore it recommended a special campaign for selling articles made of Sea Island cotton, and provision for protecting the use of the name."

Cotton facts and figures. Commercial Fertilizer Yearbook 1932, p.32-34. tables. (Published by Walter W. Brown Publishing Co., 223 Courtland St., N.E., Atlanta, Ga.)

Discussion of the present supply of American cotton, based on figures from the U.S. Department of Agriculture Yearbook.

Cotton production in Turkey and Syria. Foreign Crops and Markets, v.25, no.3, July 18, 1932, p.86-90. table. (Published by Foreign Agricultural Service, Bureau of Agricultural Economics, U.S. Department of Agriculture, Washington, D.C.)

"Based largely on a report from...P.K.Norris." Includes statistics of production in these countries.

En España el Gobierno fomenta y ayuda para el cultivo de algodón con 12,000,000 de pesetas para el año 1933. Gaceta Algodonera, v.9, no.100, May 31, 1932, p.13-15. (Published at Reconquista 331, Buenos Aires, Argentine Republic)

A Spanish decree provides assistance for the cultivation of 100,000 hectares of cotton during a period of five years.

Grossmann, Charles J.R. Statistical survey of agriculture in the territory served by the East Texas Chamber of Commerce. Austin, Tex., University of Texas, Bureau of business research, 1930. 47 p. Mimeographed.
 "Cotton is by far the most important crop in the Territory."

Himbury, Sir W.H. India. [Manchester, 1932] 59 p. illus. (British Cotton growing association [Pub. 116])
 Report of a tour of the cotton-growing areas, January, 1932.

Himbury, Sir W.H. Iraq to the Sudan. [Manchester, 1932] 63 p. illus. (British Cotton growing association [Pub. 117])
 Report of a tour of the cotton-growing areas. February and March, 1932.

Pustovoit. Taman--olin iz luchshiky khlopkovodcheskikh raionov Sev.Kavkhaza. Sotsialisticheskoe Pereustroistvo, v.13, no.1, 1932, p.118-120. (Published at Rostov, N.-D., U.S.S.R.)

Taman---One of the best cotton-growing regions of the North Caucasus.

Sarle, Charles F. Adequacy and reliability of crop-yield estimates. Washington, Govt.print.off., 1932. 138 p. tables. (U.S.Dept. of agriculture. Technical bulletin 311)

Reliability of the cotton estimates: p.75-80.

Comparison of cotton yield estimates of the Department of Agriculture and yields derived from Census data: p.124-126.

Prices

Lancastrian. Commodity production and price fluctuations.IV.The Wallis method applied to cotton. Manchester Guardian Commercial, v.24, no.623, May 28, 1932, p.407. (Published at the Guardian Bldg., Manchester, England)

Lancastrian. Commodity production and price fluctuations.VII.Short trend of prices. Manchester Guardian Commercial, v.24, no.626, June 18, 1932, p.467. (Published at the Guardian Bldg., Manchester, England)
 Discussion applied to American cotton prices.

Zahra, M.A., and El-Darwish, M. A statistical study of some of the factors affecting the price of Egyptian cotton. Cairo, Govt. press, 1930. 17 p. charts, tables. (Egypt, Ministry of finance. Cotton Bureau. Technical bulletin 1)

Discussion includes "Relation between the movement of the price of American cotton and that of Egyptian cotton," "Relation between size of the Egyptian cotton crop and its price," and "Relation between the size of the Egyptian cotton crop and its total value."

Marketing and Handling Methods and Practices

Cotton contracts in Italy. Making an end of abuses. Manchester Guardian Commercial, v.24, no.627, June 25, 1932, p.490. (Published at the Guardian Bldg., Manchester, England)

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Abd el Motaal, Zaki. The reorganisation of the cotton stock market (The Bourse of Minet-El-Bassal). Égypte Contemporaine, no.135, Apr.1932, p.367-420. (Published by Société Royale d'Economie de Statistique et de Legislation, Cairo, Egypt)

In French.

Gdynia, youngster among cotton ports, makes swift progress. Cotton Trade Journal, v.12, no.27, July 9, 1932, p.4. (Published at New Orleans, La.)

Abstract of lecture by Karol Bayer, May 10, 1932, on the future development of Gdynia, Poland, as a cotton port.

"In 1931 the cotton imports from America were 55 per cent direct from the southern ports of the United States and 38 per cent were directly from Alexandria. The rest was imported through the intermediation of...other European ports."

Moulton, Elma S. Railroad rates in relation to cotton shipments. Cotton Ginners' Journal, v.3, no.10, July 1932, p.9-10. (Published at Dallas, Tex.)

Market Geography

Schröder, Walter. Die baumwolle. Eine wirtschafts-geographische monographie. Greifswald, 1932. 78 p. illus. maps.

Literatur: p.73-78.

Cotton.Economic geography.

Cooperation in Marketing

Cotton handled first two seasons by American Co-operative assn. worth millions. Mid-South Cotton News, v.10, no.1, July 1932, p.3. (Published at 822 Falls Bldg., Memphis, Tenn.)

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Creekmore, E.F. What does public expect of cooperative marketing. Mid-South Cotton News, v.10, no.1, July 1932, p.10. (Published at 822 Falls Bldg., Memphis, Tenn.)

Address at annual meeting of Mid-south Cotton Growers' Association, Memphis, Tenn., June 28, 1932.

Henry, Chas. G. Annual report of Mid-South Cotton growers' assn., Memphis, Tenn., for 1931-1932. Mid-South Cotton News, v. 10, no.1, July 1932, p.8-9. (Published at 822 Falls Bldg., Memphis, Tenn.)

Mentions handling of Seed Loan cotton.

Stone, James C. Farmer's disadvantage in selling. Need of trading power in dealing with buyer. Oklahoma Cotton Grower, v.12, no.17, June 25, 1932, p.4. (Published at Oklahoma City, Okla.)

Urges formation of cooperative associations.

U. S. Federal farm board. Cooperative marketing makes steady growth. Agricultural marketing act helps farmers in developing local, regional and national producer owned and controlled organizations.

Washington, Govt.print.off., 1932. 62 p. charts. (Bul.8)

"This publication supersedes Bulletin No. 3 entitled 'Farmers Build Their Marketing Machinery.'" American Cotton cooperative association and Staple cotton cooperative association: p.16-22.

UTILIZATION

Fiber, Yarn and Fabric Quality

Ahmad, Nazir. Application of research to cotton industry. Indian Textile Journal, v.42, no.501, June 30, 1932, p.306-309. (Published at Military Square, Fort, Bombay, India)

Lecture delivered on Feb.16, 1932 under the auspices of the Bombay Textile and Engineering Association.

Discusses work of the Technological Laboratory of the Indian Central Cotton Committee relating to cultivation and manufacture of cotton.

[American society for testing materials. Committee D-13] Report...on textile materials. [Philadelphia, Pa., 1932] 18 p.

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Barr, Guy. Porosity in textiles. Textile Mercury and Argus, v.86, no.2254, May 127, 1932, p.487. (Published at 41, Spring Gardens, Manchester, England)

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The creasing properties of fibers. Methods of reducing the creasability of cotton and rayon fabrics. Textile Mercury and Argus, v.86, no.2257, June 17, 1932, p.539. (Published at 41, Spring Gardens, Manchester, England)

"It would appear that the creasing properties of a fibre must be closely connected with its fine structure, that is, with the arrangement of the ultimate particles (micellae...) of which the fibre is built up."

Also in Fibre and Fabric, v.85, no.2477, July 23, 1932, p.18.

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Fawcett, Waldon. Textile markings as hostages of quality. American Dyestuff Reporter, v.21,no.14, July 4,1932, p.413-414. (Published by Howes Publishing Co., 440 Fourth Ave., New York, N.Y.)

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Describes a method for distinguishing the cause of unknown cases of tendering.

Freudenberg, Karl; Friedrich, Karl and Bumann, Ilse. Über cellulose und stärke. Annalen der Chemie, v.494, no.1, Apr.4,1932, p.41-62. illus., tables. (Published at Verlag Chemie, G.m.b.H., Berlin, Germany) Concerning cellulose and starch.

"Investigation of the methylated oligosaccharides of cellulose and starch are described. The variations of the optical properties of these compounds with the number of glucose or maltose units in the molecule lend further support to the view that the units in cellulose are all linked by cellobiose bindings and those in starch by maltose bindings and that other types of binding do not occur in these polysaccharides."-Textile Institute, Journal, v.23, no.6, June 1932, p.A350.

Hampson, R.E.V. The testing of laundered fabrics. Suggestions are made for fabrics to be marked and designed as suitable for standard processes of laundering which might be laid down. Textile Manufacturer, v.58, no. 690, June 1932, p. 221. (Published by Emmott and Co., Ltd., 65, King St., Manchester, England)

Also in Textile Recorder, v.50, no.591, June 15, 1932, p.47.

High-draft cotton spinning tests. British and continental methods compared. Textile Mercury and Argus, v.86, no.2254, May 27, 1932, p.479. tables. (Published at 41, Spring Gardens, Manchester, England)

How yarn is affected when cotton is ginned at varying times. Southern Textile Bulletin, v.42. no. 20, July 14, 1932, p.6,10,26-27. (Published by Clark Publishing Co., 18 West Fourth St., Charlotte, N. C.)

Report of tests conducted by the Textile School of North Carolina State College "for the purpose of

comparing the spinning qualities of new cotton with old, or stored cotton, selecting a certain lot of seed cotton of known origin and type."

"Justice." Are finishing standards too high of Fabric producers not in step with demands of the public? Textile Weekly, v.9, no.228, July 15, 1932, p.459. (Published at 49, Deansgate, Manchester, England)

King, W.E. The testing of textiles--with special reference to the investigation of defects in yarns and fabrics. Textile Institute, Journal, v.23, no.6, June 1932, p.P102-P111. (Published at 16, St. Mary's Parsonage, Manchester, England)

Lecture delivered at annual conference of the Textile Institute at Leamington Spa, England, May 18-20, 1932.

Discussion: p.P111-P112.

Kisser, Josef. Methoden zur anfertigung von schnitten durch fasern, garne und gewebe. Faserforschung, v.9, no.4, 1932, p.238-249. illus. (Published by S.Hirzel, Königstrasse, 2, Leipzig C 1, Germany)

"The preparation of sections and the various imbedding materials available are discussed. Imbedding in paraffin is satisfactory for most general studies of fibres. For the preparation of very thin sections for the study of the fine structure and also for the preparation of sections of yarns and fabrics, imbedding in celloidinparaffin is recommended."-Textile Institute, Journal, v.23, no.6, June 1932, p.A332-A333.

Krais, P., and Markert, H. Quantitative determination of mixed textiles. Textile Manufacturer, v.58, no.690, June 1932, p.238. tables. (Published by Emmott and Co., Ltd., 65 King St., Manchester, England)

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Lüdtke, Max. New developments in research on cell walls and their value in textile chemistry. Mel-liand Textile Monthly, v.4, no.4, July 1932, p.259-262. illus. (Published at 305 Washington St., Brooklyn, N. Y.)

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Nickerson, Dorothy. Colorimeter and method employed in the color testing of cotton. Southern Textile Bulletin, v.42, no.19, July 7,1932, p.9. (Published by Clark Publishing Co., 18 West Fourth St., Charlotte,N.C.)

Paper presented at 35th annual meeting of the American Society for Testing Materials, Atlantic City, N. J. June 20-24, 1932.

Description of construction and use of a "colorimeter...developed by the color laboratory of the Bureau of Agricultural Economics in cooperation with the Keuffel & Esser Co."

Rayon's basic structure discussed by Committee D-13. Textile World, v.82, no. 1, July 1932, p.77. (Published by Bragdon, Lord and Nagle Co., Inc., 330 West 42d St., New York,N.Y.)

Includes abstract of paper on "Rayon structure and properties," by Harold De Witt Smith, presented at meeting of Committee D-13 of the American Society for Testing Materials in Atlantic City, N.J., June 20-24, 1932.

Rhodes, O.S. Occurrence and detection of certain faults in textile fabrics. Chemistry and Industry, v.51, no.9, Feb.26,1932, p.179-180. (Published by the Society of Chemical Industry, Central House,46, Finsbury Square, London,E.C.2,England)

"Paper read before the Manchester Section [of the Society of Chemical Industry] on Dec.4,1931."

"A report of a lecture describing several examinations of faulty materials.Reference is made to the effect of certain dyes in promoting tendering by light."-Textile Institute, Journal, v.23, no.5,May 1932, p.A282.

Russell, Joseph W. Some observations on light fastness. American Dyestuff Reporter, v.21,no.14,July 4,1932, p.423-427. table. (Published by Howes Publishing Co., 440 Fourth Ave., New York,N.Y.)

"Presented at May Meeting, Northern New England Section, [American Association of Textile Chemists and Colorists], May 7,1932."

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Sever,W. The measurement of fibre length. Textile Manufacturer, v.58, no.690, June 1932, p.217-218. (Published by Emmott and Co., Ltd., 65 King St., Man-

chester, England)

Abstract of paper read at the Textile Institute Conference, May 19, 1932, at Leamington Spa, England.

"It will be the object of this paper to indicate one or two...practical applications and to describe a simple instrument which has been devised for the measurement of fibre length."

Abstract also in Textile Recorder, v.50, no.592, July 15, 1932, p.21.

Extract in Textile Mercury and Argus, v.86, no. 2253, May 20, 1932, p.459.

Strong, John H. The effects of yarn "twist" on cloth. Textile Mercury and Argus, v.86, no.2256, June 10, 1932, p.517. illus. (Published at 41, Spring Gardens, Manchester, England)

Williams, J. Guilfoyle. Minimum wearing strength of textile fabrics. Textile Manufacturer, v.58, no.690, June 1932, p.218. (Published by Emmott and Co., Ltd., 65, King St., Manchester, England)

Technology of Manufacture

"Ariston." The economics of high-draft spinning. The incidence on production costs of the various systems. Textile Recorder, v.50, no.592, July 15, 1932, p.22-25. tables. (Published at 121, Deansgate, Manchester, England)

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Cobb, Joseph C. Spinning-room records simplified by chart affording quick and thorough reference. Textile World, v.82, no.1, July 1932, p.52-53. (Published by Bragdon, Lord and Nagle Co., Inc., 330 West 42d St., New York, N.Y.)

Chart shows yarn number, breaking weight, temperature, relative humidity, grains of vapor per cubic foot, protection in pounds and cost per pound, Sept. 1931 to Jan. 1932, by working days.

Developments in textile processing. A summary of the past half-year's progress in bleaching, dyeing and finishing. Textile Recorder, v.50, no.592, July 15, 1932, p. 55-56. (Published at 121, Deansgate, Manchester, England)

Dias, J.C. Efficiency in a cotton mill. Indian Textile Journal, v.42, no.500, May 1932, p.276, 277. (Published at Military Square, Fort, Bombay, India)

"A lecture delivered before the Ahmedabad Textile

Association."

Description of machines and processes, with comparison of old and new systems.

Feeding cotton openers. An improved method. Manchester Guardian Commercial, v.24, no.627, June 25, 1932, p.496. diagr. (Published at the Guardian Bldg., Manchester, England)

Goodavage, Joseph E. Dyeing cotton and silk hosiery. Southern Textile Bulletin, v.42, no.21, July 21, 1932, p.4-6. (Published by Clark Publishing Co., 18 West Fourth St., Charlotte, N. C.)

"Paper presented before the Alumni Association of the Philadelphia Textile School."

Gow, Robert, jr. Finishing of cotton piece goods. American Dyestuff Reporter, v.21, no.12, June 6, 1932, p.365-366. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.)

Address at spring meeting of Southeastern Section of the American Association of Textile Chemists and Colorists, Auburn, Ala., Apr. 30, 1932.

"Throughout the entire finishing plant...the two outstanding applications are mechanical and chemical." Describes machines and chemicals used.

Herstein, Karl M. Preventing mildew in sizing and finishing. Textile World, v.82, no.1, July 1932, p.78-79. illus. (Published by Bragdon, Lord and Nagle Co., Inc., 330 West 42d St., New York, N.Y.)

Leno mesh cloth. A fabric of relatively firm texture--cloth characteristics and production methods--many combinations possible--weaving tension important but cloth not difficult to produce. American Wool and Cotton Reporter, v.46, no.28, July 14, 1932, p.7-8, 17-18. illus. (Published by Frank P. Bennett and Co., Inc., 530 Atlantic Ave., Boston, Mass.)

Cost of production is given.

Morecroft, J. A pneumatic feed for cotton openers. An improved feed for striker cylinders replaces the feed rollers, removes dust, and provides pneumatic conveyance of the cotton. Textile Manufacturer, v.58, no.690, June 1932, p.226-227. illus. (Published by Emmott and Co., Ltd., 65, King St., Manchester, England)

Mumford, Charles M. Control of various kinds of waste Items that often represent difference between profit and loss--Bale of cotton traced through mill to illus-

trate points--Repetitions of processes expensive--Weaving waste most costly. American Wool and Cotton Reporter, v.46, no.29, July 21, 1932, p.11-13. (Published by Frank P. Bennett and Co., Inc., 530 Atlantic Ave., Boston, Mass.)

New self-weaving shuttleless loom. Important economies claimed for Yorkshire machinery maker's invention. Textile Mercury and Argus, v.86, no.2255, June 3, 1932, p.497. illus. (Published at 41, Spring Gardens, Manchester, England)

"Mr. Walter Gledhill's invention is described here in its application to the broad Dobcross woolen and worsted loom...but it also holds out important possibilities in the weaving of cotton, silk, and other textile materials."--Editorial note.

Pomfret, N.H. Yarn tension during mule spinning .A practical discussion of spinning room problems. Pt.I. Textile Mercury and Argus, v.86, no.2255, June 3, 1932, p.495. (Published at 41, Spring Gardens, Manchester, England)

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Rice, George. Manufacture of canvas for the increasing awning trade.Types of weave. Jacquard effects. Textile American, v.58, no.1, July 1932, p.19-20. illus. (Published at 440-442 Old South Bldg., Boston, Mass.)

"The demand for cotton duck awnings...has been gradually changing from the painted to the woven kinds."

Sansone, Raffaele. Some defects in the scrooping of cotton fabrics. Stains--loss of brilliancy--maintain the feel. Textile American, v.58, no.1, July 1932, p.16. (Published at 440-442 Old South Bldg., Boston, Mass.)

Stains "can be caused, when the dyer employs hard waters, by the formation of insolluble lime soaps."

Technology of Consumption

Cheatham, Robert J., and Wigington, John T. Use of cotton bags and other containers in flour mills of the United States--1931. Washington, U.S.Dept.of agriculture, Bureau of agricultural economics, 1932. 17 p. tables. (Utilization of American cotton series No.13)

Tables give estimated number of cotton, burlap and

paper bags used in flour mills; and weight of cotton bags required to replace the non-cotton bags. Advantages of cotton bags are discussed.

Cotton containers now used for shipping potatoes and nuts. Cotton Trade Journal, v.12, no.29, July 23, 1932, p.5. (Published at New Orleans, La.)

Compares cotton with burlap for this use.

Davis, Arnold M. Cotton in road construction. Manufacturers Record, v.101, no.28, July 14, 1932, p.13. illus. (Published at Commerce and Water Sts., Baltimore, Md.)

"Loosely woven cotton cloth, waterproofed with asphalt, is used to cover base and wearing surface of entire road."

Increased use of cotton in mattresses. Southern Textile Bulletin, v.42, no.22, July 28, 1932, p.6. (Published by Clark Publishing Co., 18 West Fourth St., Charlotte, N.C.)

"Information obtained from manufacturers by the New Uses Section of the Cotton-Textile Institute disclosed that cotton filling has almost entirely displaced other material as the stuffing for mattresses."

Also in Cotton Trade Journal, v.12, no.30, July 30, 1932, p.6.

Mixing cotton fibres with wood pulp. Carolinas Magazine, v.1, no.1, June 1932, p.34. (Published at 324 South Church St., Charlotte, N.C.)

The Champion Fibre Co., of Canton, N.C., is making new paper with 25% cotton content.

More uses for cotton. Cotton Trade Journal, v.12, no. 27, July 9, 1932, p.3. (Published at New Orleans, La.)

"Experiments in the production of insulating material consisting in part of low grade cotton or linters suggest an important use for cotton...According to the New Use Section of the Cotton-Textile Institute insulating board of this type has been satisfactorily and economically manufactured on an experimental basis by Ralph Grayson...This new product is now being tried out in containers for the shipment of 'dry ice.'"

Also in Southern Textile Bulletin, v.42, no.19, July 7, 1932, p.13; and in Fibre and Fabric, v.85, no.2475, July 9, 1932, p.7.

Wood, E.B., and Brobst, D.R. Cellulose acetate treatment for textile insulation--engineering development.

Bell System Technical Journal, v.11,no.2, Apr.1932, p.213-244. illus., graphs. (Published by American Telephone and Telegraph Co., New York,N.Y.)

"The accompanying graphs show the comparative electrical characteristics at various humidities, of wires insulated with commercial and purified cotton and silk servings, before and after treatment with cellulose acetate lacquer."

Also in Textile Manufacturer, v.58,no.691, July 1932, p.283.

SEED AND SEED PRODUCTS

Aspegren, Herman. Changes in oils and fats due to atmospheric oxidation. Oil and Soap, v.9, no.5, May 1932, p.108-112. charts. (Published by Gillette Publishing Co., 400 West Madison St., Chicago, Ill.)

Reports a test made in the laboratories of the Portsmouth Cotton Oil Refining Corporation.

Brazil.Ministerio da agricultra.Serviço do algodao. Secçao tecnica. A germinação das sementes de algodao eo indice de acidez dos oleos. By Mario Alvahudo and Elydio Vellasco. Rio de Janeiro, 1931. 5 p.

The germination of cotton seeds and the index of the acidity of cottonseed oils.

Cottonseed oil milling industry in Mexicali district of lower California (Mexico) Cotton and Cotton Oil News, v.33, no.28, July 9,1932, p.4. table. (Published at 3116-18 Commerce St., Dallas,Tex.)

"From report of Consul Frank Bohr at Mexicali, B.C., Mexico, dated June 7, 1932."

"The cottonseed oil industry in the Mexicali District has been carried on only at mills owned by two local American-owned companies."

History of the industry in this district.

Also in Oil Miller and Cotton Ginner, v.40,no.5, July 1932, p.9-10.

Irwin,W.H. Report of the Referee board. Oil and Soap, v.9, no.5, May 1932, p.120-121. (Published by Gillette Publishing Co., 400 West Madison St., Chicago, Ill.)

The Referee Board of the American Oil Chemists' Society cooperates with the Chemists' Committee of the National Cottonseed Products Association. Summary of results of 4 tests is given.

Lantow, J.L. The comparative values of cottonseed cake and ground yellow corn for the supplemental feeding of cows and weaned calves on the range. State College, N.M., 1932. 7 p. tables. (N.M.Agr. Exp.Sta.Bul.202)

"Cottonseed cake showed an advantage over ground yellow corn in each trial."--Summary.

Oklahoma cottonseed crushers hold very successful convention. Cotton and Cotton Oil News, v.33, no. 27, July 2, 1932, p.9. (Published at 3116-18 Commerce St., Dallas, Tex.)

23rd annual convention of the Oklahoma Cottonseed Crushers' Association, June 27-28, 1932, at Sulphur, Okla.

Among resolutions adopted were those relating to Philippine independence and tariff on foreign oils, and in opposition to a tariff on jute.

Rankin, Chas.W. Receiving, care and preparing cottonseed for milling. Cotton and Cotton Oil News, v.33, no.28, July 9, 1932, p.13-14. (Published at 3116-18 Commerce St., Dallas, Tex.)

Ward, A. L. Quality demands of 1932. Cotton and Cotton Oil News, v.33, no.27, July 2, 1932, p.8-9. (Published at 3116-18 Commerce St., Dallas, Tex.)

Address before National Oil Mill Superintendents' Association Ft. Worth, Texas, June 22, 1932.

"Quality demands of 1932-33 will call for special consideration of the quality and characteristics of the cake." Discusses size and other properties of cottonseed cake.

Wheeler, D.H. Peroxide formation as a measure of autoxidative deterioration. Oil and Soap, v.9, no.4, Apr.1932, p.89-97. diags. (Published by Gillette Publishing Co., 400 West Madison St., Chicago, Ill.)

Paper read before Oil Chemists, Chicago, Ill., Nov.1931.

"A study of peroxide formation in cottonseed and corn oils at 100°C. was made. The relation of peroxide concentration to iodine number, oil color, and intensity of Kreis color is reported."--Summary.

MISCELLANEOUS--GENERAL

Bombay millowners association. Report...for the year 1931...Presented at the annual meeting held on 23rd February 1932. Bombay, G. Calridge and co.,ltd., 1932. 359 p.

Cotton.A major source of American wealth. Index,v.12, no.7,July 1932, p.142-147. (Published by the New York Trust Co., 100 Broadway, New York,N.Y.)

Discussess early sources of cotton; international interdependence of the industry; history of the cotton gin; position of United States; carry-over; Farm board "stabilization"; and way to recovery by economic welfare of the world, as opposed to recovery by destruction of the crop.

Crawford, M.D.C. What is cotton? Carolinas Magazine, v.1,no.1,June 1932, p.65-69. illus. (Published at 324 South Church St., Charlotte, N.C.)

To be continued,

History of cotton and its technical development.

Edwards, Everett E. Agriculture of the American Indians. A classified list of annotated historical references with an introduction. Washington, D. C., 1932. 89 p. Mimeographed. (U. S. Dept. of agriculture. Library. Bibliographical contributions.No.23)

References on cotton: p.39-40.

Empire cotton growing corporation. Report of the administrative council...submitted to the eleventh annual general meeting on May 26th,1932. Millbank House, London, 1932. 77 p. tables.

Annual report for the season 1930-1931.

Reports progress of the work in the cotton-growing countries of the Empire; research carried on at experiment stations; and spinning tests at Shirley Institute.

Empire cotton growing corporation. Report of the eleventh annual general meeting. [Millbank House, London, 1932] 18 p.

"The Eleventh annual general meeting of the corporation was held at the offices of the Corporation in London on Thursday, 26th May,1932."

Contains address by Lord Derby and lecture by Sir John Russell on "Science and cotton supplies."

Abstract in Textile Mercury and Argus, v.86, no. 2255, June 3,1932, p.496.

Grossmann, Charles J.R. The economic importance of manufacturing and of its leading lines in Texas. Austin, The University of Texas, Bureau of business research. 1931. 39 p. diagrs. [Texas University. Bureau of business research. Mimeograph bul. no. S-2] Mimeographed.

Cottonseed oil milling and cotton spinning capacity by counties in Texas, 1930: p.20 (map)

Mitchell, Broadus, and Mitchell, George S. L'industrie du coton dans les états sudistes de l'Amerique. Revue Economique Internationale, année 24, v.2, no.2, May 1932, p.325-362. (Published at 12, Place Loix, Brussels, Belgium)

A discussion of the cotton industry in the southern states of America, its development and present situation.

S.T.A. meets at Hendersonville. American Wool and Cotton Reporter, v.46, no.26, June 30, 1932, p.43, 52-60. (Published by Frank P. Bennett and Co., Inc., 530 Atlantic Ave., Boston, Mass.)

24th annual meeting of the Southern Textile Association at Hendersonville, N.C., June 24-25, 1932.

Includes abstracts of addresses by President T.W. Mullen, E.W. Sikes, A.E. Jury, and report of the secretary.

Addresses also in Southern Textile Bulletin, v.42, no.18, June 30, 1932.

Also in Textile World, v.82, no.1, July 1932, p.57.

Texas Agricultural experiment station. Forty-fourth annual report 1931. College Station, 1931. 192 p.

Among the projects reported are the following: Feeding of cottonseed meal and hulls: p.26, 31, 85-86; studies of boll weevil, flea hopper, boll worm and pink boll worm: p.32-38; cotton root-rot and control: p.59-67; investigations relating to rotation, fertilizer, soil improvement, and inheritance in cotton and variety tests: p.40-44, 46; ginning in relation to market and spinning value of the lint: p.53; mechanical harvesting: p.56, 75, 96; effects of radiation on cotton: p.56; asexual propagation of cotton: p.58; farm management: p.74; fertilizer placement: p.98; local cotton marketing study: p.75.

Wheeler, John Taylor. Curriculum making in agricultural colleges. Athens, Ga., The McGregor company, 1932. 165 p. tables. maps.

"Selected bibliography applying to college curriculum": p.164-165.

"It is shown ... that cotton farming is a determinant of

teaching problems for all agricultural teachers in the State of Georgia."

Chap.XIV.Farm organization in cotton farming: p.82-99.

Chap.XV.Farm practices in cotton production: p.100-123.

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C O T T O N R E P O R T S

ISSUED CURRENTLY BY
UNITED STATES GOVERNMENT DEPARTMENTS

U. S. Department of Agriculture, Bureau of Agricultural Economics

Crop Reports (Summarized in Crops and Markets, which is issued monthly):
 Sept. 8, condition etc., as of Sept. 1, plus an estimate of the acreage of cotton abandoned since July 1.
 Oct. 8, and Nov. 9, probable total ginnings and indicated yield per acre.
 Dec. 8, probable total ginnings as of December 1, plus indicated yield per acre, and the estimated acreage abandoned since July 1.

Grade and Staple Reports:

Grade, Staple Length and Tenderability of Cotton Ginned in the United States: to be issued Oct. 28, Dec. 2, 1932, Jan. 6, Feb. 10, Apr. 14, 1933.

Market News Reports:

American Cotton Linters Price Report: issued Thursdays.
 Daily Official Report of the Designated Spot Cotton Markets.
 Staple Cotton Premiums: issued Saturdays.
 Weekly Cotton Review: issued Saturdays.
 Weekly Market Bulletin: issued Fridays, in cooperation with the California Department of Agriculture.

World Cotton Prospects: issued monthly.

U. S. Department of Commerce, Bureau of the Census

Activity in the Cotton Spinning Industry: issued monthly, about the 20th.
 Cotton Consumed, on Hand, Imported and Exported, and Active Cotton Spindles: issued monthly, about the 14th.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products Manufactured, Shipped out, on Hand and Exported: issued monthly about the 12th.

Report on Cotton Ginnings: reports on 1932 crop to be issued Sept. 8, 23; Oct. 8, 25; Nov. 9, 21; Dec. 8, 20; Jan. 23; Mar. 20.

U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce

Foreign Yarn Trade Notes: issued monthly.
 International Knit Goods News: issued monthly.
 Weekly Cotton Service Bulletins: issued weekly.
 What the World's Cotton Goods Markets are Doing : issued weekly.